

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
 Data File : BP014332.D
 Acq On : 28 Mar 2023 02:17
 Operator : CG/JU
 Sample : 02055-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-2

Quant Time: Mar 28 02:44:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 25 03:19:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

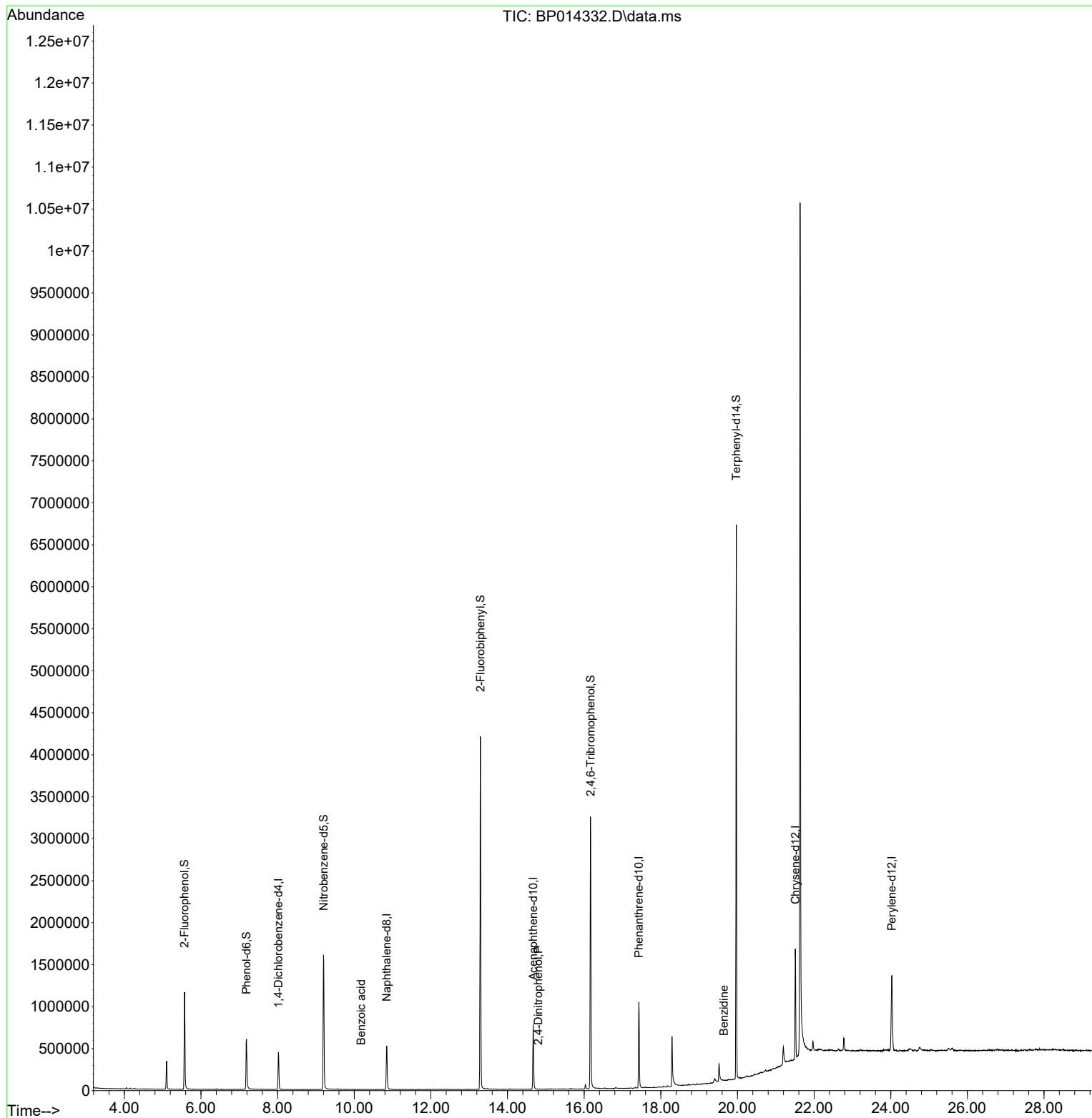
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	112242	20.000	ng	0.00
21) Naphthalene-d8	10.846	136	427612	20.000	ng	# 0.00
39) Acenaphthene-d10	14.669	164	257816	20.000	ng	0.00
64) Phenanthrene-d10	17.428	188	606531	20.000	ng	# 0.00
76) Chrysene-d12	21.510	240	640654	20.000	ng	0.00
86) Perylene-d12	24.027	264	741211	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	465884	67.314	ng	0.00
7) Phenol-d6	7.187	99	366819	40.368	ng	0.00
23) Nitrobenzene-d5	9.199	82	968628	103.533	ng	-0.01
42) 2,4,6-Tribromophenol	16.169	330	598143	143.093	ng	0.00
45) 2-Fluorobiphenyl	13.293	172	1996735	100.340	ng	0.00
79) Terphenyl-d14	19.969	244	2965359	76.324	ng	0.00
Target Compounds						
32) Benzoic acid	10.181	122	22	2.705	ng	# 1
54) 2,4-Dinitrophenol	14.798	184	7	3.080	ng	# 1
77) Benzidine	19.645	184	91	2.841	ng	# 1

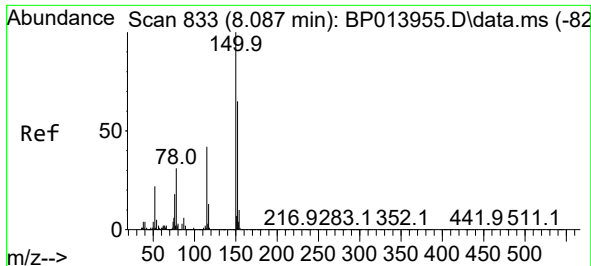
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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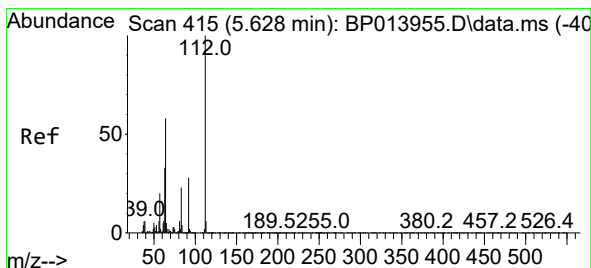
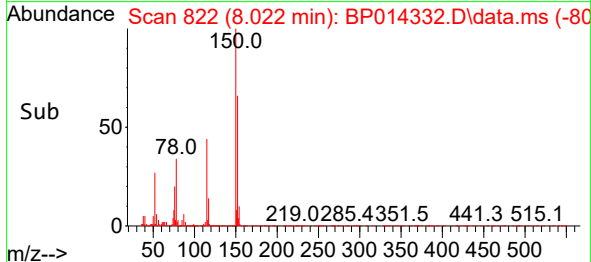
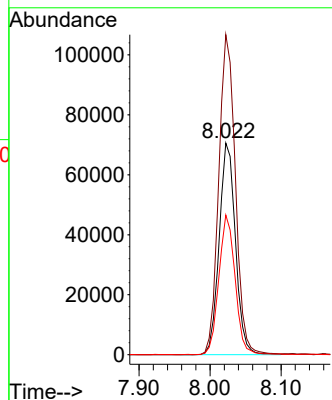
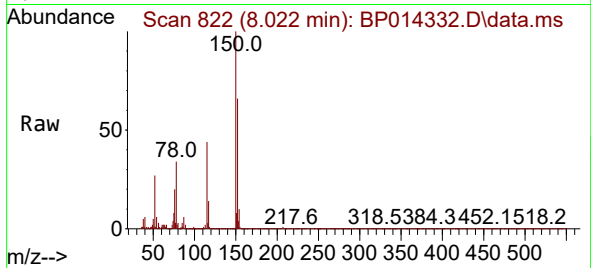




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014332.D
Acq: 28 Mar 2023 02:17

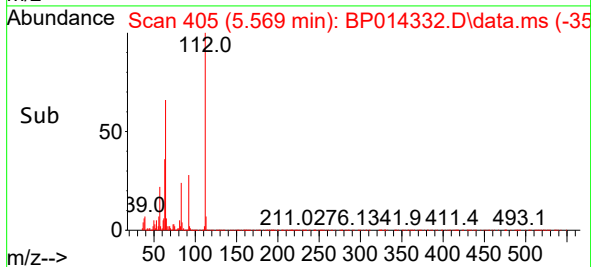
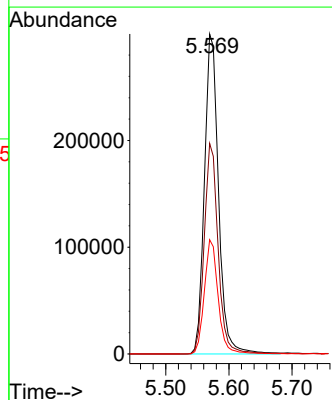
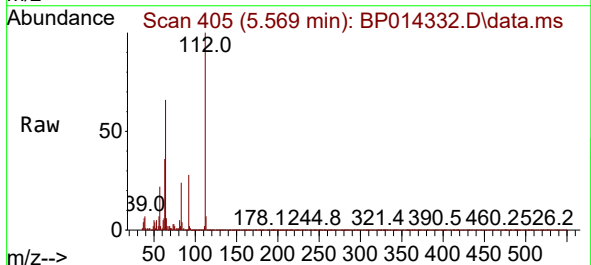
Instrument :
BNA_P
ClientSampleId :
MW-2

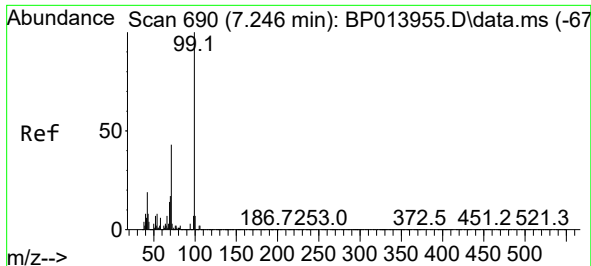
Tgt Ion:152 Resp: 112242
Ion Ratio Lower Upper
152 100
150 151.2 122.3 183.5
115 66.0 51.6 77.4



#5
2-Fluorophenol
Concen: 67.314 ng
RT: 5.569 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP014332.D
Acq: 28 Mar 2023 02:17

Tgt Ion:112 Resp: 465884
Ion Ratio Lower Upper
112 100
64 65.8 46.7 70.1
63 35.7 26.6 40.0

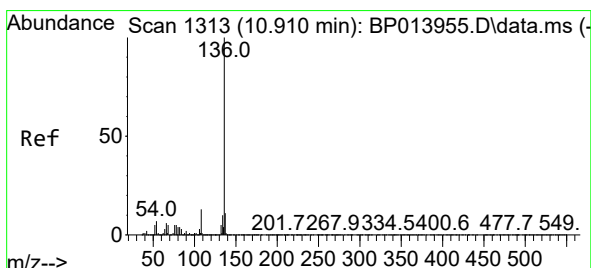
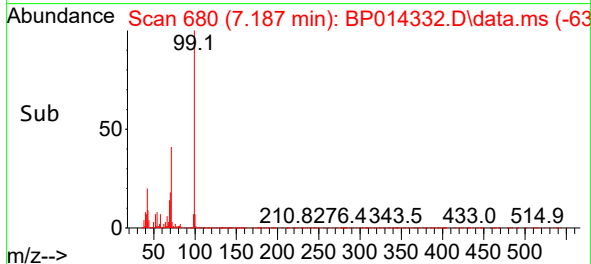
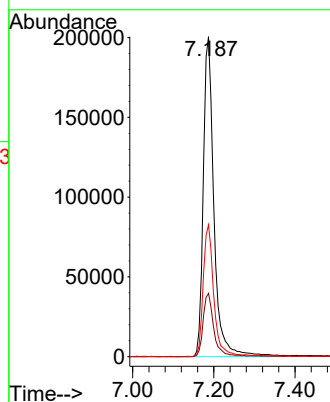
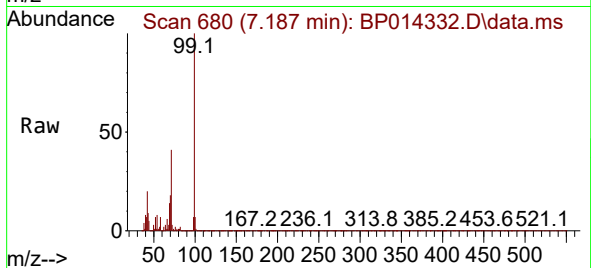




#7
Phenol-d6
Concen: 40.368 ng
RT: 7.187 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014332.D
Acq: 28 Mar 2023 02:17

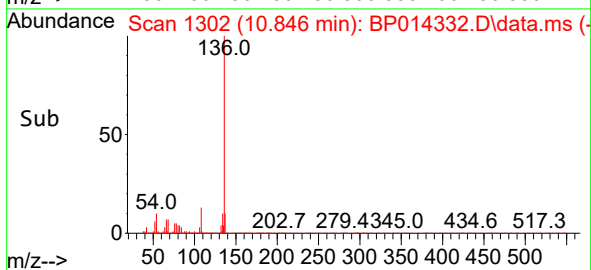
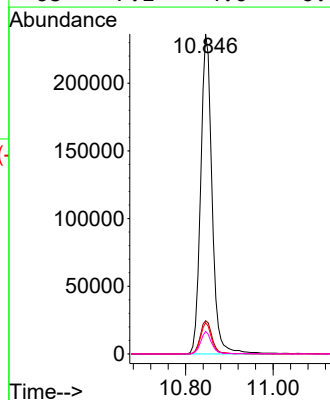
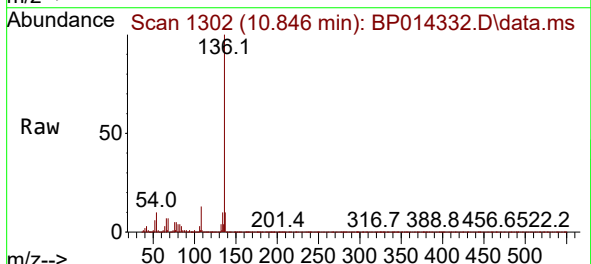
Instrument :
BNA_P
ClientSampleId :
MW-2

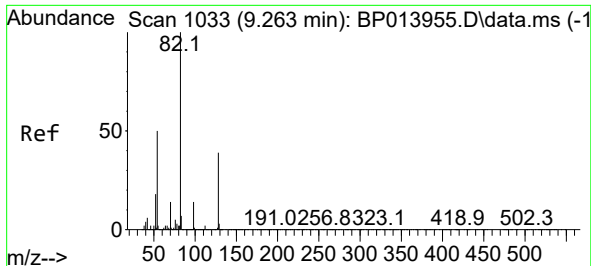
Tgt Ion: 99 Resp: 366819
Ion Ratio Lower Upper
99 100
42 19.8 15.0 22.6
71 41.2 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP014332.D
Acq: 28 Mar 2023 02:17

Tgt Ion:136 Resp: 427612
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 9.8 5.8 8.8#
68 7.1 4.0 6.0#

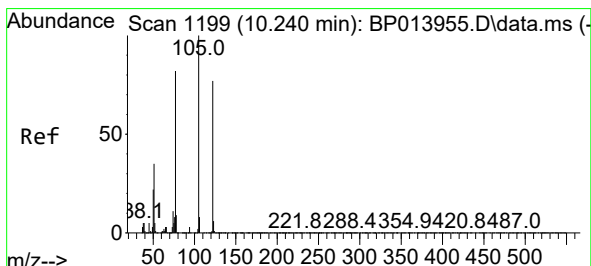
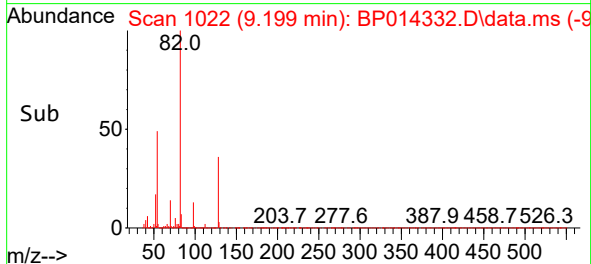
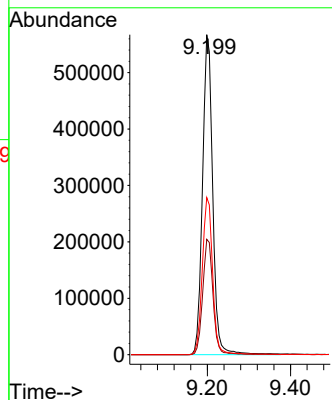
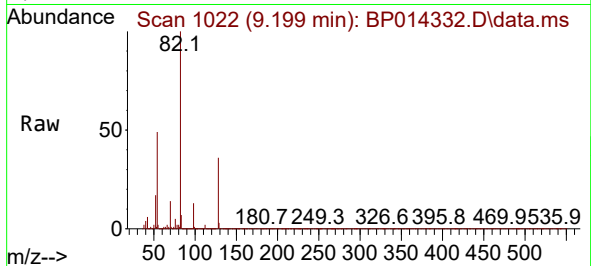




#23
Nitrobenzene-d5
Concen: 103.533 ng
RT: 9.199 min Scan# 1189
Delta R.T. -0.012 min
Lab File: BP014332.D
Acq: 28 Mar 2023 02:17

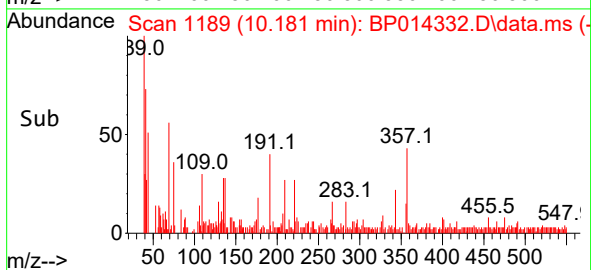
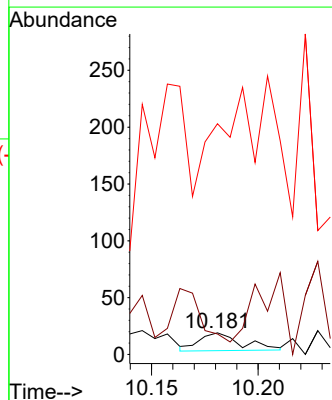
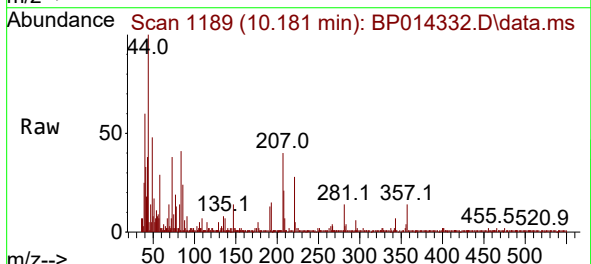
Instrument :
BNA_P
ClientSampleId :
MW-2

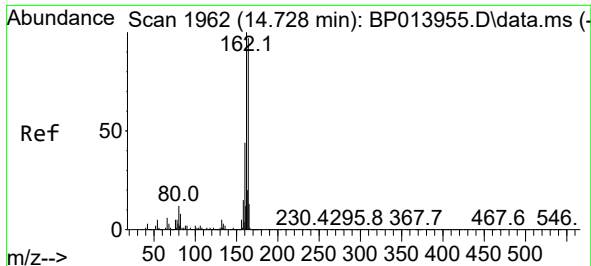
Tgt Ion: 82 Resp: 968628
Ion Ratio Lower Upper
82 100
128 36.0 31.1 46.7
54 49.1 40.0 60.0



#32
Benzoic acid
Concen: 2.705 ng
RT: 10.181 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BP014332.D
Acq: 28 Mar 2023 02:17

Tgt Ion:122 Resp: 22
Ion Ratio Lower Upper
122 100
105 94.7 108.2 148.2#
77 1068.4 85.2 125.2#

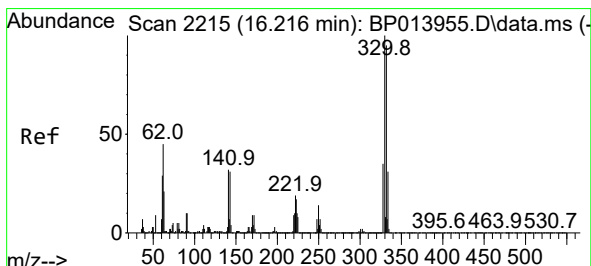
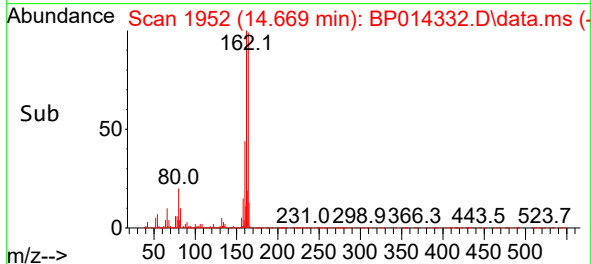
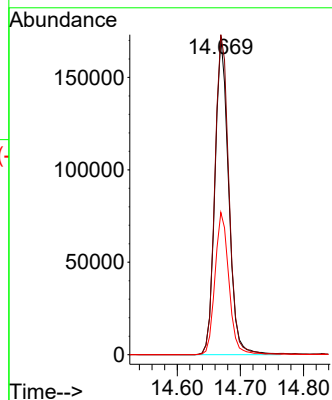
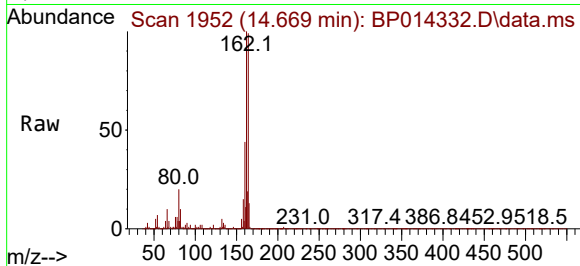




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.669 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP014332.D
Acq: 28 Mar 2023 02:17

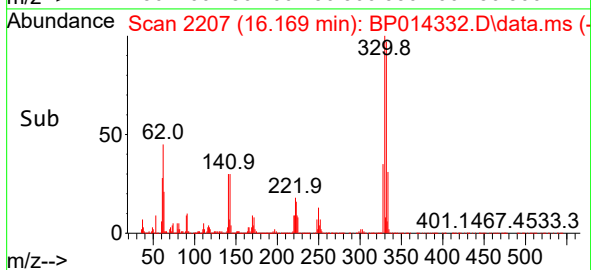
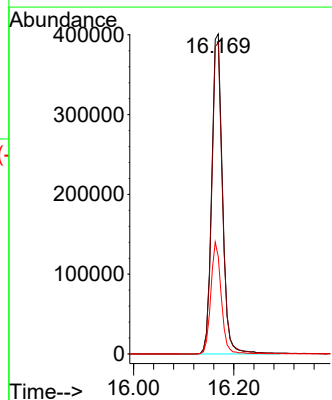
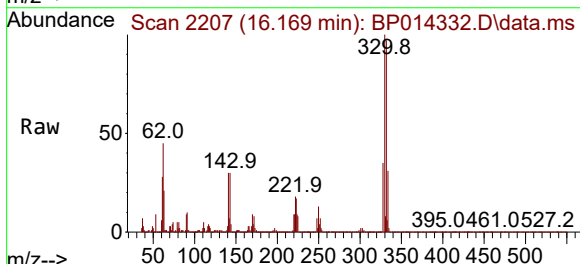
Instrument :
BNA_P
ClientSampleId :
MW-2

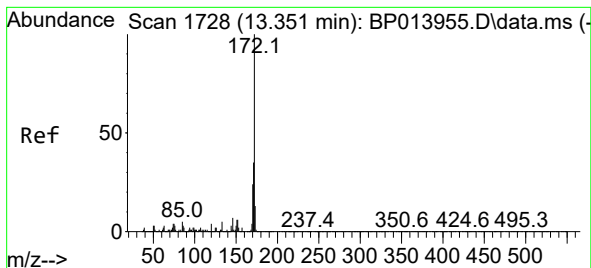
Tgt Ion:164 Resp: 257816
Ion Ratio Lower Upper
164 100
162 100.7 82.1 123.1
160 44.8 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 143.093 ng
RT: 16.169 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BP014332.D
Acq: 28 Mar 2023 02:17

Tgt Ion:330 Resp: 598143
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 33.8 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 100.340 ng

RT: 13.293 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014332.D

Acq: 28 Mar 2023 02:17

Instrument :

BNA_P

ClientSampleId :

MW-2

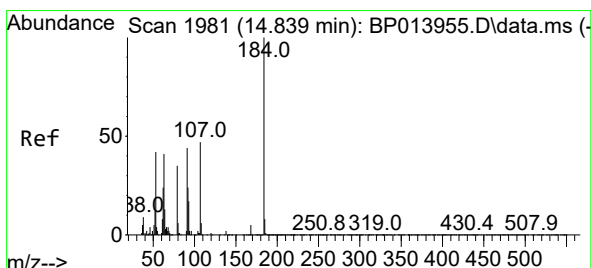
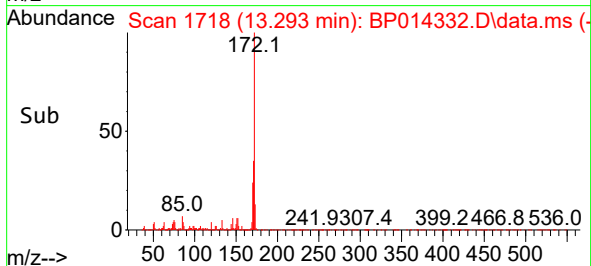
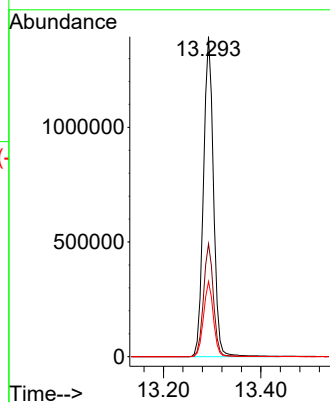
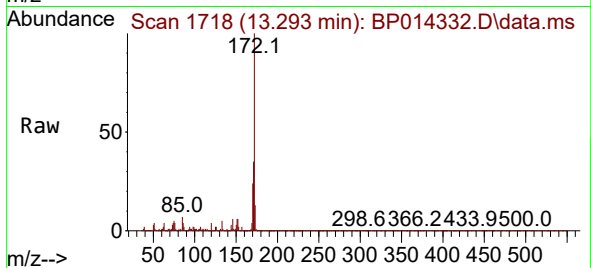
Tgt Ion:172 Resp: 1996735

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.080 ng

RT: 14.798 min Scan# 1974

Delta R.T. 0.000 min

Lab File: BP014332.D

Acq: 28 Mar 2023 02:17

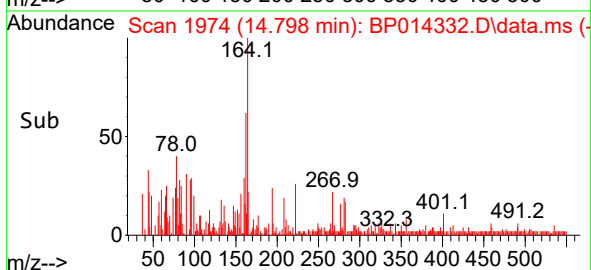
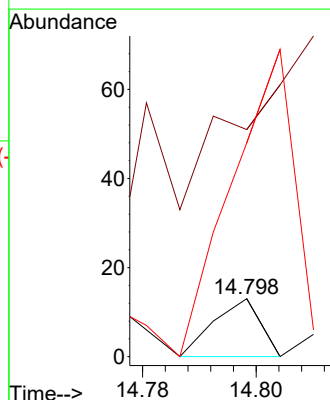
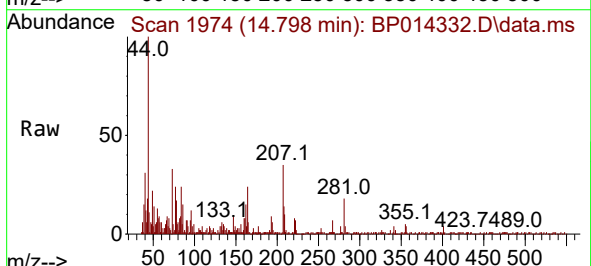
Tgt Ion:184 Resp: 7

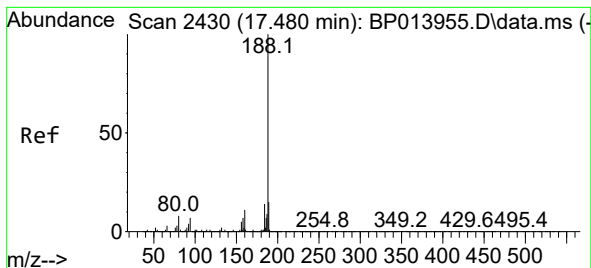
Ion Ratio Lower Upper

184 100

63 392.3 52.4 78.6#

154 476.9 59.4 89.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.428 min Scan# 2430

Delta R.T. -0.006 min

Lab File: BP014332.D

Acq: 28 Mar 2023 02:17

Instrument :

BNA_P

ClientSampleId :

MW-2

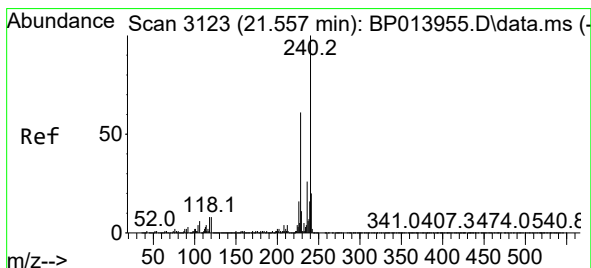
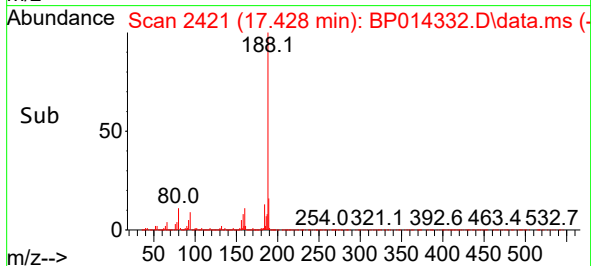
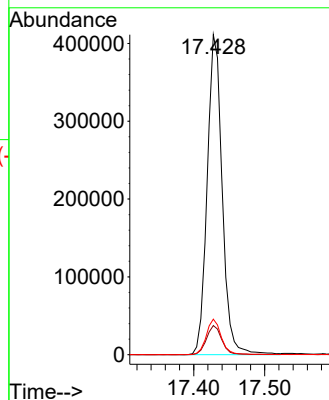
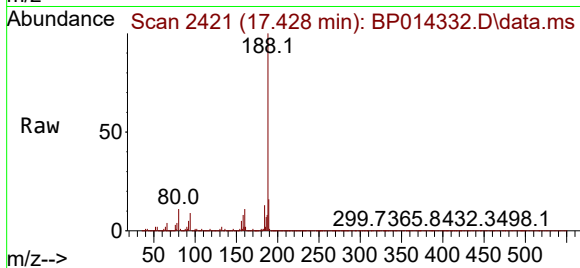
Tgt Ion:188 Resp: 606531

Ion Ratio Lower Upper

188 100

94 9.1 5.8 8.6#

80 11.1 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BP014332.D

Acq: 28 Mar 2023 02:17

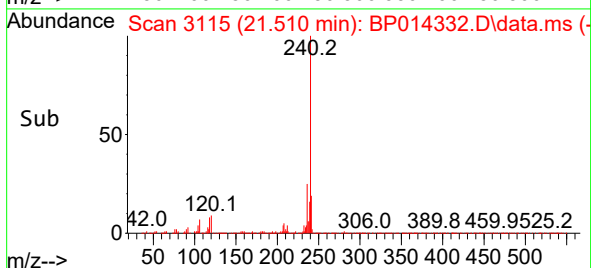
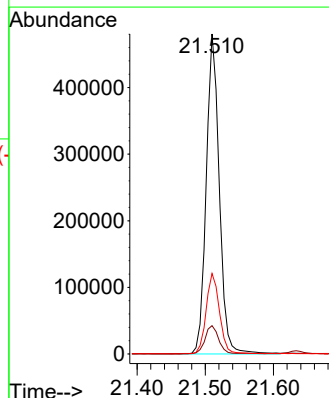
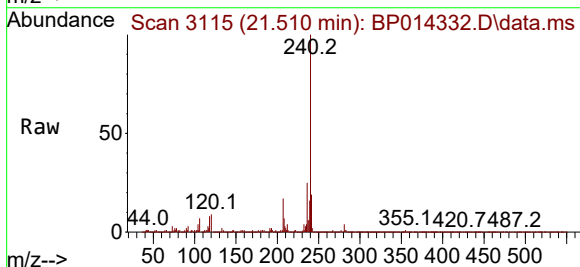
Tgt Ion:240 Resp: 640654

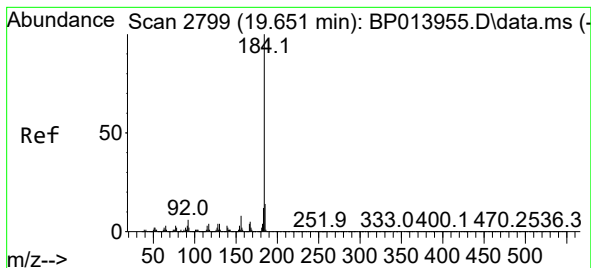
Ion Ratio Lower Upper

240 100

120 8.9 6.4 9.6

236 25.2 21.2 31.8





#77

Benzidine

Concen: 2.841 ng

RT: 19.645 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP014332.D

Acq: 28 Mar 2023 02:17

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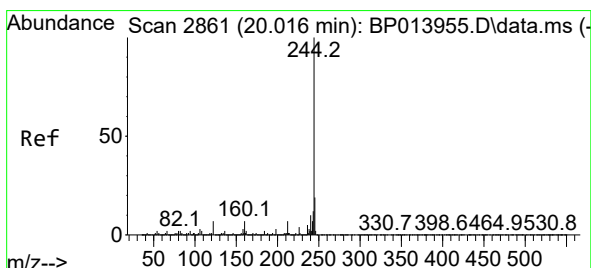
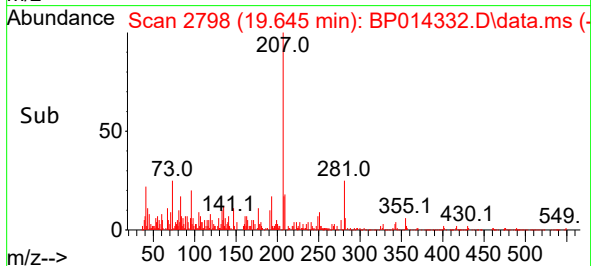
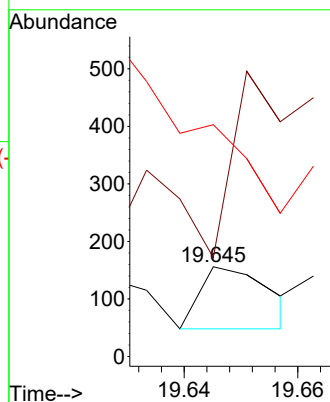
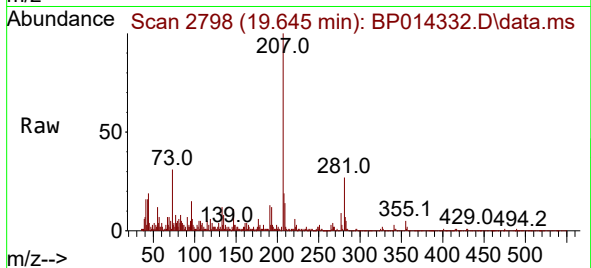
Tgt Ion:184 Resp: 91

Ion Ratio Lower Upper

184 100

185 110.3 11.6 17.4#

183 258.3 9.7 14.5#



#79

Terphenyl-d14

Concen: 76.324 ng

RT: 19.969 min Scan# 2853

Delta R.T. -0.006 min

Lab File: BP014332.D

Acq: 28 Mar 2023 02:17

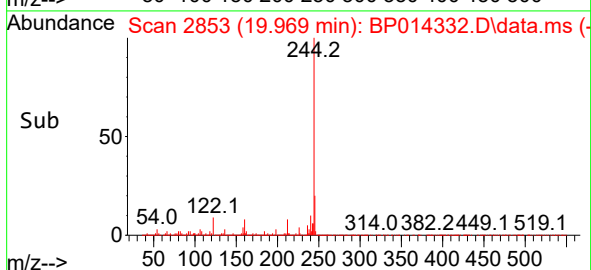
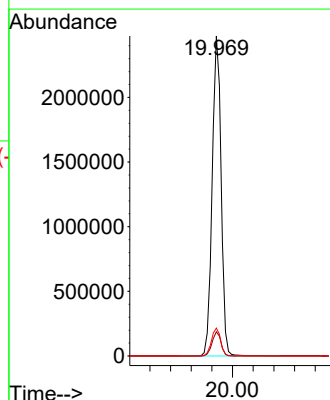
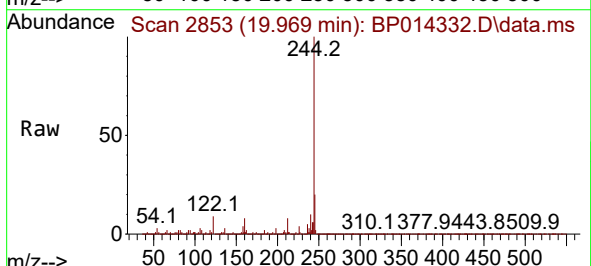
Tgt Ion:244 Resp: 2965359

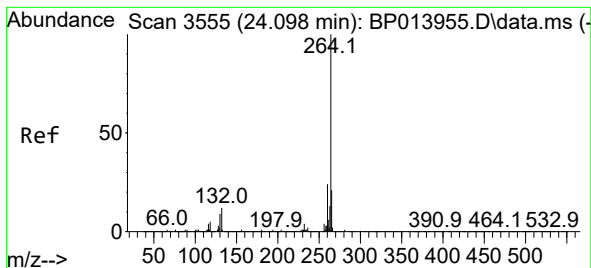
Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 8.7 5.8 8.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.027 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP014332.D

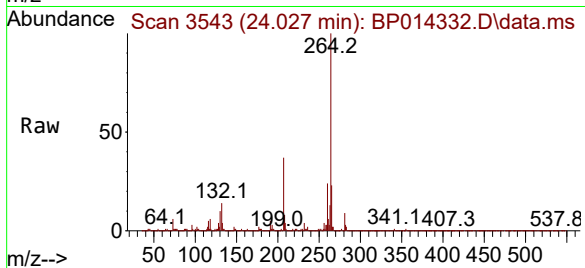
Acq: 28 Mar 2023 02:17

Instrument :

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Tgt Ion:264 Resp: 741211

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 22.9 17.8 26.8

